

## SEQUENCE LISTING

&lt;110&gt; UDEN, MARK

MITROPHANOUS, KYRIACOS

<120> RETROVIRAL VECTOR COMPRISING FUNCTIONAL AND  
NON-FUNCTIONAL SPICE DONOR AND SPLICE ACCEPTOR SITES

&lt;130&gt; 078883/0134

&lt;140&gt; 09/937,295

&lt;141&gt; 2001-09-24

&lt;150&gt; PCT/GB00/01091

&lt;151&gt; 2000-03-22

&lt;150&gt; GB 9906615.1

&lt;151&gt; 1999-03-22

&lt;160&gt; 42

&lt;170&gt; PatentIn Ver. 2.1

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&lt;211&gt; 5689

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Modified env  
 gene m4070A

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<210> 4  
<211> 63  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
MMLV sequence

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ccc 63

<210> 5  
<211> 63  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Mutant env  
(m4070A)

<400> 5  
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gtc 63

<210> 6  
<211> 14  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 6  
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<210> 7  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 7  
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<210> 8  
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<212> DNA

<213> Artificial Sequence  
  
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oligonucleotide

<400> 12  
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<210> 14  
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<220>  
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<220>  
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 16  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 16  
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tacaaaacct gcaggaaatc aatgcttaca tt 92

<210> 17  
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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

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41

<210> 18  
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oligonucleotide

<400> 18  
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33

<210> 19  
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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

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32

<210> 20  
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<223> Description of Artificial Sequence: Synthetic pTRONIN sequence

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<220>
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      oligonucleotide

<400> 24
gattaagttg ggtaacgcca ggg                            23

<210> 25
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<212> DNA
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<220>
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<400> 25
caggttaag                                         9

<210> 26
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<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 26
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<210> 27
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<220>  
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<400> 27  
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<210> 28  
<211> 82  
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<210> 29  
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<210> 30  
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oligonucleotide

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<220>  
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oligonucleotide

<400> 31  
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agacacagat aagttgctgg ccagcttgcc tcccggtgg 99

<210> 32  
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<220>  
<223> Description of Artificial Sequence: Illustrative  
oligonucleotide

<400> 32  
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<210> 33  
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<400> 33  
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<210> 34  
<211> 33  
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oligonucleotide

<400> 34  
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<210> 35  
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<220>  
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oligonucleotide

<400> 35  
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<210> 36  
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<220>  
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oligonucleotide

<400> 36  
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tttaaacg 128

<210> 37  
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<400> 37  
aggaggacag gcaagatggg agaccctttg ac 32

<210> 38  
<211> 24  
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oligonucleotide

<400> 38  
gggttcgact ctagagtcc tttc 24

<210> 39  
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oligonucleotide

<400> 39  
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<210> 40  
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<220>  
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<400> 40  
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25

<210> 41  
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<212> DNA  
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<220>  
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<400> 41  
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47

<210> 42  
<211> 46  
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<220>  
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<400> 42  
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46